Test Result

Radio Group	Article 2-1-19	Frequency	2402-2480MHz
Radio Type	Bluetooth LE 1 Mbps	Channels	2MHz step 40 Channels
Model Name	ASB1	Test Site	Intertek Testing Services Hong Kong Workshop No. 3, G/F., World-Wide Industrial Centre, 43-47 Shan Mei Street, Fo Tan, Sha Tin, N.T., Hong Kong.
Serial number	na	Temperature/Humidity	20degree/60%
Test Procedure	MIC Annex 43	Test Engineer	Eric Sung

Test Set	Manufacturer	Serial Number	Calibration Company	Calibrated Date	Calibration Class
Spectrum Analyzer	ROHDESCHWARZ	FSV40	R&S Germany	24/07/2017	Radio Law 24-2-4-2-ha
RF Power Meter with Power Sensor	AGILENTTECH	N1911A	CEPREI	15/01/2018	Radio Law 24-2-4-2-ha

Test Item			limit	unit	DC 3 V			DC 3.3 V			DC 2.7 V			Judge	
Frequency			NA	MHz	2402.0	2440.0	2480.0	2402.0	2440.0	2480.0	2402.0	2440.0	2480.0	ment	Note
Frequency Error			50	ppm	7.993338884	8.114754098	7.983870968	7.993338884	8.114754098	7.983870968	7.993338884	8.114754098	7.983870968	ok	
Occupied Bandwidth			26	MHz	1.638	1.456	1.456	1.638	1.456	1.456	1.638	1.456	1.456	ok	
Spreading Bandwidth			NA	kHz										-	
Spreading factor			NA	-										-	
														-	
Spurious	30 ~	1000 MHz	-26	dBm/MHz	-58.858	-58.885	-58.163	-58.822	-57.943	-58.418	-58.708	-58.334	-58.394	ok	
				MHz	165.5289421	388.1836327	484.99002	169.4011976	785.0898204	965.1497006	909.001996	492.7345309	831.5568862		
	1000 ~	2387 MHz	-26	dBm/MHz	-44.111	-54.145	-54.235	-36.952	-53.443	-53.625	-37.394	-53.79	-54.226	ok	
				MHz	2381.463074	1218.708583	1238.087824	2309.483034	1218.708583	1238.087824	2364.852295	1238.087824	1238.087824		
	2387 ~	2400 MHz	-16	dBm/MHz	-23.151	-60.925	-61.546	-22.98	-60.131	-61.269	-22.115	-62.051	-61.64	ok	
				MHz	2400	2392.163673	2391.852295	2400	2391.852295	2397.560878	2400	2392.345309	2390.944112		
	2484 ~	2496.5 MHz	-16	dBm/MHz	-61.777	-35.21	-35.243	-61.818	-35.191	-35.253	-61.26	-35.249	-35.24	ok	
				MHz	2486.101796	2487.139721	2487.191617	2495.572854	2487.373253	2487.295409	2494.067864	2487.373253	2487.42515		
	2497 ~	4000 MHz	-26	dBm/MHz	-55.39	-42.118	-40.439	-55.717	-45.256	-38.838	-55.158	-37.271	-37.713	ok	
				MHz	3334	2554	2554	3295	2554	2554	3361	2554	2554		
	4000 ~	12500 MHz	-26	dBm/MHz	-39.989	-42.869	-45.735	-39.547	-43.205	-46.056	-39.588	-45.81	-46.508	ok	
				MHz	4797.40519	4865.269461	4950.0998	4797.40519	4865.269461	4950.0998	4797.40519	4950.0998	4950.0998	-	
Rated Power			1.1	mW										ok	
Antenna Power			10	mW	0.78704579	0.779830111	0.753355564	0.78704579	0.779830111	0.753355564	0.78704579	0.779830111	0.753355564	ok	
	-80 -		20	%	-28.5	-29.1	-31.5	-28.5	-29.1	-31.5	-28.5	-29.1	-31.5	ok	
Antenna Gain:	0.5 dBi		12.14	dBm	-0.54	-0.58	-0.73	-1.04	-1.08	-1.23	-1.04	-1.08	-1.23	ok	
														-	
Collateral emission	30 ~	1000 MHz	-54	dBm/MHz	-69.066	-68.817	-68.379	-68.759	-68.148	-68.304	-68.943	-68.631	-68.927	ok	
				MHz	328.1636727	355.2694611	916.746507	585.6686627	500.4790419	252.6546906	905.1297405	84.21157685	419.1616766		
	1000 ~	3000 MHz	-47	dBm/MHz	-55.757	-56.86	-58.884	-55.812	-56.467	-71.693	-55.511	-56.473	-58.274	ok	
				MHz	2744.510978	2788.423154	2836.327345	2744.510978	2788.423154	2880.239521	2744.510978	2788.423154	2836.327345		
	3000 ~	6000 MHz	-47	dBm/MHz	-66.038	-65.952	-65.892	-65.876	-65.858	-66.435	-65.405	-66.141	-66.014	ok	
				MHz	3191.616766	3125.748503	3281.437126	3263.473054	3197.60479	3353.293413	3329.341317	3640.718563	3155.688623		
	6000 ~	12500 MHz	-47	dBm/MHz	-67.375	-67.27	-66.82	-67.376	-66.21	-66.746	-66.886	-66.381	-66.67	ok	
				MHz	9490.01996	10034.93014	10424.1517	9866.267465	9308.383234	10034.93014	7946.107784	8659.680639	9684.630739	-	
														-	
System:ID			yes		complies									ok	
System:Carrier Sense			na											-	
System:DFS			na											-	